

# proxy.get

## Description

integer/array proxy.get(object **parameters**)

The method allows to retrieve proxies according to the given parameters.

## Parameters

(object) Parameters defining the desired output.

The method supports the following parameters.

Parameter	Type	Description
proxyids	string/array	Return only proxies with the given IDs.
selectHosts	query	Return hosts monitored by the proxy in the hosts property.
selectInterface	query	Return the proxy interface used by a passive proxy in the interface property.
sortfield	string/array	Sort the result by the given properties. Possible values are: hostid, host and status.
countOutput	boolean	These parameters being common for all get methods are described in detail in the <a href="#">reference commentary</a> .
editable	boolean	
excludeSearch	boolean	
filter	object	
limit	integer	
output	query	
preservekeys	boolean	
search	object	
searchByAny	boolean	
searchWildcardsEnabled	boolean	
sortorder	string/array	
startSearch	boolean	

## Return values

(integer/array) Returns either:

- an array of objects;
- the count of retrieved objects, if the countOutput parameter has been used.

## Examples

## Retrieve all proxies

Retrieve all configured proxies and their interfaces.

Request:

```
{
  "jsonrpc": "2.0",
  "method": "proxy.get",
  "params": {
    "output": "extend",
    "selectInterface": "extend"
  },
  "auth": "038e1d7b1735c6a5436ee9eae095879e",
  "id": 1
}
```

Response:

```
{
  "jsonrpc": "2.0",
  "result": [
    {
      "host": "Active proxy",
      "status": "5",
      "lastaccess": "0",
      "description": "",
      "tls_connect": "1",
      "tls_accept": "1",
      "tls_issuer": "",
      "tls_subject": "",
      "tls_psk_identity": "",
      "tls_psk": "",
      "proxy_address": "",
      "auto_compress": "0",
      "proxyid": "30091",
      "interface": []
    },
    {
      "proxy_hostid": "0",
      "host": "Passive proxy",
      "status": "6",
      "lastaccess": "0",
      "description": "",
      "tls_connect": "1",
      "tls_accept": "1",
      "tls_issuer": "",
      "tls_subject": "",
      "tls_psk_identity": "",
      "tls_psk": "",

```

```
"proxy_address": "",
"auto_compress": "0",
"proxyid": "30092",
"interface": {
    "interfaceid": "30109",
    "hostid": "30092",
    "useip": "1",
    "ip": "127.0.0.1",
    "dns": "",
    "port": "10051"
}
],
"id": 1
}
```

## See also

- [Host](#)
- [Proxy interface](#)

## Source

CProxy::get() in *frontends/php/include/classes/api/services/CProxy.php*.

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